

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant and Assignee: SUN MICROSYSTEMS, INC.  
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Commissioner for Patents  
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**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Customer Number 32615

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated:

4/22/09

Name:

Melissa Haapala

Title:

Senior Patent Counsel

Sun Microsystems, Inc.

## APPENDIX A

- 1. Patent Application/Serial No.:** 09/835,059

**Title:** DATA REORDERING

**Filed:** 4/13/2001

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 011716/0039  
017718/0955

**Reference No:** 33227/452001; P9222-US-NP
  
- 2. Patent Application/Serial No.:** 10/209,549

**Title:** MECHANISM FOR ENABLING VIRTUAL METHOD DISPATCH STRUCTURES TO BE CREATED ON AN AS-NEEDED BASIS

**Filed:** 7/30/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013164/0322

**Reference No:** 33227/446001; P7753-US-NP-0
  
- 3. Patent Application/Serial No.:** 10/652,693

**Title:** METHOD AND APPARATUS FOR IDENTIFYING CAUSES IN A MULTI-NODE SYSTEM

**Filed:** 8/28/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014456/0953

**Reference No:** 33227/459001; SUN030121-US-NP

**4. Patent Application/Serial No.:** 09/310,655

**Title:** TOPOLOGY CONTROLLED DISCOVERY  
FOR NEXT HOP DETERMINATION

**Filed:** 5/12/1999

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 009969/0644

010250/0206

**Reference No:** 33227/430001; P3388-US-NP-0

**5. Patent Application/Serial No.:** 10/661,413

**Title:** ADDRESS VALUE NUMBERING BY  
BINARY TRANSFORMATION

**Filed:** 9/12/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015842/0343

**Reference No:** 33227/457001; P9716-US-NP

**6. Patent Application/Serial No.:** 10/662,020

**Title:** A PLUGGABLE DEBUGGING INTERFACE  
FOR GRAPHICAL NOTATION  
DIAGRAMS

**Filed:** 9/11/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014501/0366

**Reference No:** 33227/458001; SUN030057-US-NP

**7. Patent Application/Serial No.:** 10/663,474  
**Title:** DISTRIBUTED SESSION FAILOVER  
**Filed:** 9/15/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014551/0983  
**Reference No:** 33227/448001; P9143-US-NP

**8. Patent Application/Serial No.:** 10/731,889  
**Title:** GRAPH THEORY-BASED APPROACH TO XML DATA BINDING  
**Filed:** 12/8/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014922/0840  
**Reference No:** 33227/470001; SUN040586-US-NP

**9. Patent Application/Serial No.:** 10/761,622  
**Title:** MECHANISM FOR IMPLEMENTING FILE ACROSS CONTROL USING LABELED CONTAINERS  
**Filed:** 1/20/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014922/0840  
**Reference No:** 33227/465001; SUN030243-US-NP

**10. Patent Application/Serial No.:** 10/762,067  
**Title:** MECHANISM FOR ENABLING MULTIPLE PROCESSES TO SHARE PHYSICAL MEMORY  
**Filed:** 1/20/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014922//0346  
**Reference No:** 33227/466001; SUN040013-US-NP

**11. Patent Application/Serial No.:** 10/767,118

**Title:** MECHANISM FOR PROFILING AND  
ESTIMATING THE RUNTIME NEEDED  
TO EXECUTE A JOB

**Filed:** 1/28/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014945/0262

**Reference No:** 33227/463001; SUN030236-US-NP

**12. Patent Application/Serial No.:** 10/768,303

**Title:** EFFICIENT EVENT COMPLETION IN  
UDAPL

**Filed:** 1/29/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014948/0873

**Reference No:** 33227/469001; SUN040111-US-NP

**13. Patent Application/Serial No.:** 10/769,415

**Title:** SUPPORTING METHOD REFERENCES IN  
THE JAVA LANGUAGE

**Filed:** 1/30/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014955/0233

**Reference No:** 33227/462001; SUN030221-US-NP

**14. Patent Application/Serial No.:** 10/771,698

**Title:** MECHANISM FOR ORDERING LISTS OF LOCAL VARIABLES ASSOCIATED WITH A PLURALITY OF CODE BLOCKS

**Filed:** 2/3/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014966/0363

**Reference No.:** 33227/467001; SUN040017-US-NP

**15. Patent Application/Serial No.:** 10/794,288

**Title:** MECHANISM FOR REDUCING DETECTABLE PAUSES IN DYNAMIC OUTPUT CAUSED BY DYNAMIC COMPILATION

**Filed:** 3/4/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015067/0136

**Reference No.:** 33227/471001; SUN040620-US-NP

**16. Patent Application/Serial No.:** 10/810,171

**Title:** MECHANISM FOR COLLABORATIVELY EXCHANGING NAVIGATION INFORMATION IN A DISTRIBUTED DOCUMENT REVIEW

**Filed:** 3/25/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015153/0115

**Reference No.:** 33227/456001; P9381-US-NP

**17. Patent Application/Serial No.:** 10/815,221  
**Title:** NESTED MONITOR HANDLING PROCESSES  
**Filed:** 3/30/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015172/0736  
**Reference No:** 33227/460001; SUN030154-US-NP

**18. Patent Application/Serial No.:** 10/816,983  
**Title:** RELOCATION OF ACTIVE DMA PAGES  
**Filed:** 4/2/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015183/0059  
**Reference No:** 33227/447001; P8933-US-NP

**19. Patent Application/Serial No.:** 10/832,575  
**Title:** SHARING DATA AMONG ISOLATED APPLICATIONS  
**Filed:** 4/26/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015270/0415  
**Reference No:** 33227/468001; SUN040037-US-NP

**20. Patent Application/Serial No.:** 10/833,474  
**Title:** MECHANISM FOR IMPLEMENTING FILE ACCESS CONTROL ACROSS A NETWORK USING LABELED CONTAINERS  
**Filed:** 4/27/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015278/0116  
**Reference No:** 33227/464001; SUN030241-US-NP

**21. Patent Application/Serial No.:** 10/917,163

**Title:** APPROACH FOR DISTRIBUTING  
MULTIPLE INTERRUPTS AMONG  
MULTIPLE PROCESSORS

**Filed:** 8/11/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017718/0955

**Reference No.:** 33227/449001; P9208-US-CNT-1

**22. Patent Application/Serial No.:** 11/042,961

**Title:** BINARY PROFILE INSTRUMENTATION  
FRAMEWORK

**Filed:** 1/24/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016519/0367

**Reference No.:** 33227/453001; P9251-US-CIP-1

**23. Patent Application/Serial No.:** 11/042,834

**Title:** DISPLAYING RESULTS OF SERVER-SIDE  
FORM VALIDATIONS WITHOUT PAGE  
REFRESH

**Filed:** 1/24/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016498/0627

**Reference No.:** 33227/454001; P9252-US-CIP-1

**24. Patent Application/Serial No.:** 11/042,812  
**Title:** NAVIGATING SOURCE CODE USING ANNOTATED TOPOGRAPHIC IMAGE(S)  
**Filed:** 1/24/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016519/0380  
**Reference No:** 33227/455001; P9253-US-CIP-1

**25. Patent Application/Serial No.:** 10/923,291  
**Title:** PREPARING A BINARY FILE FOR FUTURE INSTRUMENTATION  
**Filed:** 8/20/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015723/0941  
**Reference No:** 33227/472001; SUN040634-US-NP

**26. Patent Application/Serial No.:** 10/898,274  
**Title:** INTERACTIVE TOOL FOR DEFINING BUSINESS PROCESSES  
**Filed:** 7/23/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016514/0376  
**Reference No:** 33227/474001; SUN040660-US-NP

**27. Patent Application/Serial No.:** 10/948,587  
**Title:** CONNECTIVITY MAP EDITOR  
**Filed:** 9/22/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015830/0674  
**Reference No:** 33227/475001; SUN040662-US-NP

**28. Patent Application/Serial No.:** 10/921,600  
**Title:** CUSTOMIZING BUSINESS PROCESSES  
**Filed:** 8/18/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015710/0955  
**Reference No:** 33227/483001; SUN041278-US-NP

**29. Patent Application/Serial No.:** 10/891,977  
**Title:** DYNAMIC APPLICATION AND QUERY BUILDER  
**Filed:** 7/14/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015591/0155  
**Reference No:** 33227/484001; SUN041371-US-NP

**30. Patent Application/Serial No.:** 10/990,741  
**Title:** DYNAMIC TABLES GENERATOR  
**Filed:** 11/16/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016006/0548  
**Reference No:** 33227/485001; SUN041425-US-NP

**31. Patent Application/Serial No.:** 11/095,431  
**Patent No.:** 7,503,063  
**Title:** END-TO-END INTEGRATION VISIBILITY FOR DOCUMENTS  
**Filed:** 3/30/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016440/0649  
**Reference No:** 33227/491001; SUN050467-US-NP

**32. Patent Application/Serial No.:** 11/095,806  
**Title:** MESSAGE SELECTOR-HANDLER SYSTEM FOR MESSAGE PROCESSING  
**Filed:** 3/30/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016444/0346  
**Reference No:** 33227/492001; SUN050468-US-NP

**33. Patent Application/Serial No.:** 11/095,807  
**Title:** TOOL FOR CREATING CHARTS  
**Filed:** 3/30/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016444/0342  
**Reference No:** 33227/493001; SUN050523-US-NP

**34. Patent Application/Serial No.:** 11/042,833  
**Title:** MESSAGE TRANSLATION AND PARSING OF DATA STRUCTURES IN A DISTRIBUTED COMPONENT ARCHITECTURE  
**Filed:** 1/24/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016587/0145  
**Reference No:** 33227/499001; SUN050550-US-CIP-1

**35. Patent Application/Serial No.:** 11/042,963  
**Title:** MONITORING ALERT CONDITIONS  
**Filed:** 1/24/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016494/0670  
**Reference No:** 33227/500001; SUN050551-US-CIP-1

**36. Patent Application/Serial No.:** 11/095,831  
**Title:** QUEUE MANAGEMENT  
**Filed:** 3/30/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016440/0083  
**Reference No:** 33227/501001; SUN050555-US-NP

**37. Patent Application/Serial No.:** 11/092,147  
**Title:** TIME-BASED SEQUENCING IN MESSAGE DELIVERY  
**Filed:** 3/28/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016431/0487  
**Reference No:** 33227/502001; SUN050556-US-NP

**38. Patent Application/Serial No.:** 11/128,956  
**Title:** WEB BROWSER AS WEB SERVICE SERVER IN INTERACTION WITH BUSINESS PROCESS ENGINE  
**Filed:** 5/12/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016566/0475  
**Reference No:** 33227/603001; SUN050557-US-NP

**39. Patent Application/Serial No.:** 11/452,768  
**Title:** SEARCHING COMPUTER PROGRAMS THAT USE DIFFERENT SEMANTICS  
**Filed:** 6/13/2006  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 018002/0563  
**Reference No:** 33227/600002; SUN050657-US-CIP-1

**40. Patent Application/Serial No.:** 11/451,751

**Title:** ENFORCING PROPER RESOLUTION FOR CLASSES OF SHARED OBJECTS IN A VIRTUAL MACHINE

**Filed:** 6/12/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017993/0660

**Reference No:** 33227/600001; SUN050657-US-NP

**41. Patent Application/Serial No.:** 11/479,664

**Title:** SUPPORT TRAY WITH FOLD-AWAY HANDLES

**Filed:** 6/30/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 018145/0371

**Reference No:** 33227/601001; SUN050661-US-NP

**42. Patent Application/Serial No.:** 11/451,785

**Title:** APPROACH FOR DISTRIBUTING INTERRUPRS FROM HIGH-INTERRUPT LOAD DEVICES

**Filed:** 6/12/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 018302/0437

**Reference No:** 33227/505001; SUN050859-US-NP

**43. Patent Application/Serial No.:** 11/210,163

**Title:** MECHANISM FOR FACILITATING HOT SWAP CAPABILITY

**Filed:** 8/22/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016930/0240

**Reference No:** 33227/507001; SUN050929-US-NP

**44. Patent Application/Serial No.:** 11/376,691  
**Title:** DATA CONVERSION FROM HTML TO XML IN A TREE STRUCTURE  
**Filed:** 3/14/2006  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 017694/0535  
**Reference No:** 33227/519001; SUN060099-US-CIP-1

**45. Patent Application/Serial No.:** 11/361,437  
**Title:** AUTOMATING INTERVAL SELECTION BASED ON RANGE AND SIZE OF DISPLAY AREA  
**Filed:** 2/23/2006  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 017616/0447  
**Reference No:** 33227/520001; SUN060099-US-NP

**46. Patent Application/Serial No.:** 11/441,620  
**Title:** SCALABLE VECTOR GRAPHICS, TREE AND TAB AS DRAG AND DROP OBJECTS  
**Filed:** 5/26/2006  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 017934/0134  
**Reference No:** 33227/545001; SUN060431-US-NP

**47. Patent Application/Serial No.:** 11/497,884  
**Title:** MANAGING PROTOCOL INFORMATION USED IN EXCHANGING COMMUNICATIONS  
**Filed:** 8/1/2006  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 018155/0908  
**Reference No:** 33227/507002; SUN060491-US-CIP-1

**48. Patent Application/Serial No.:** 12/058,509

**Title:** MECHANISM FOR SELECTIVELY ALLOWING CERTAIN COMPONENTS IN A GROUP OF COMPONENTS TO BE ASSOCIATED WITH A TARGET COMPONENT

**Filed:** 3/28/2008

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 021931/0531

**Reference No:** 33227/575001; SUN061090-US-NP

**49. Patent Application/Serial No.:** 11/595,396

**Title:** METHOD AND APPARATUS FOR DATA TRANSFER BETWEEN ISOLATED EXECUTION CONTEXTS

**Filed:** 11/8/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 018601/0141

**Reference No:** 33227/577001; SUN061096-US-NP

**50. Patent Application/Serial No.:** 11/499,027

**Title:** CLASS PRE-LOADING MECHANISM

**Filed:** 8/3/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 018158/0800

**Reference No:** 33227/507003; SUN061108-US-CIP-1

**51. Patent Application/Serial No.:** 11/862,908

**Title:** ACCESS CONTROL MECHANISM FOR  
SHAREABLE INTERFACE  
COMMUNICATION ACCESS CONTROL

**Filed:** 9/27/2007

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 019893/0079

**Reference No:** 33227/594001; SUN070583-US-NP

**52. Patent Application/Serial No.:** 11/862,940

**Title:** METHOD AND APPARATUS FOR  
PROTECTION DOMAIN BASED  
SECURITY

**Filed:** 9/27/2007

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 019893/0053

**Reference No:** 33227/595001; SUN070584-US-NP